

# PATENT ABSTRACTS OF JAPAN

(11) Publication number : 62-216803  
(43) Date of publication of application : 24. 09. 1987

(51) Int. CI. B60C 19/00

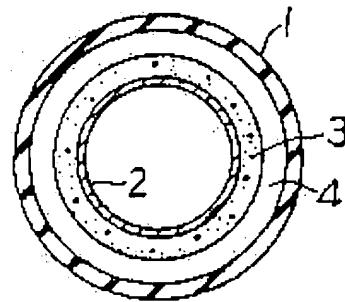
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## (54) TYRE RESONANCE PREVENTING MATERIAL

### (57) Abstract:

PURPOSE: To prevent the generation of resonance noise occasioned by running and to reduce the generation of noise, by a method wherein an annular porous material having a specified apparent volume and apparent density is built in the inner pressure air-filled cavity of a tyre.

CONSTITUTION: An annular tyre resonance preventing material 3, formed by a porous material having an apparent volume of from 25% or more to 70% of less of the total inner volume of an inner pressure air-filled cavity 4 under inflation of a tyre 1 and apparent density of 0.1gw/cm<sup>2</sup> or less, is located in the inner pressure air-filled cavity 4 formed between the inner surface of the tyre 1 and the outer surface of a rim 2. This constitution enables reduction of the peak of the power value of load noise during load-rolling of the tyre, and allows reduction of the generation of noise.



### LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against  
examiner's decision of rejection]

[Date of extinction of right]

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